

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                       |                                        |                                                                |                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Submit within 45 days of well completion                                                                                                           | State of New Mexico<br>Energy, Minerals and Natural Resources<br>Oil Conservation Division<br>1220 S. St Francis Dr.<br>Santa Fe, NM 87505 | Revised November 6, 2013                                                                                                                               |                                       |                                        |                                                                |                                                                |
|                                                                                                                                                    |                                                                                                                                            | 1. WELL API NO.<br>30-005-64049                                                                                                                        |                                       |                                        |                                                                |                                                                |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>ESKIMO STATE #003                                                                                                                     |                                       |                                        |                                                                |                                                                |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>003                                                                                                                                 |                                       |                                        |                                                                |                                                                |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment             |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:C    Lot:C    Section:30    Township:15S    Range:29E<br>Feet from:505    N/S Line:N<br>Feet from:2310    E/W Line:W |                                       |                                        |                                                                |                                                                |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:C    Lot:C    Section:30    Township:15S    Range:29E<br>Feet from:505    N/S Line:N<br>Feet from:2310    E/W Line:W  |                                       |                                        |                                                                |                                                                |
|                                                                                                                                                    |                                                                                                                                            | 6. latitude:    longitude:<br>32.9927638876261    -104.069088126466                                                                                    |                                       |                                        |                                                                |                                                                |
|                                                                                                                                                    |                                                                                                                                            | 7. County:<br>Chaves                                                                                                                                   |                                       |                                        |                                                                |                                                                |
| 8. Operator Name and Address:<br>MACK ENERGY CORP<br>PO Box 960<br>11344 Lovington Hwy<br>Artesia 88211                                            |                                                                                                                                            | 9. OGRID:    13837                                                                                                                                     | 10. Phone Number:    575-748-1288     |                                        |                                                                |                                                                |
| 11. Last Fracture Date:    9/22/2014    Frac Performed by:    Elite Well Services                                                                  |                                                                                                                                            | 12. Production Type:<br>O                                                                                                                              |                                       |                                        |                                                                |                                                                |
| 13. Pool Code(s):<br>52770                                                                                                                         |                                                                                                                                            | 14. Gross Fractured Interval:<br>2,932 ft to 3,190 ft                                                                                                  |                                       |                                        |                                                                |                                                                |
| 15. True Vertical Depth (TVD):<br>3,190 ft                                                                                                         |                                                                                                                                            | 16. Total Volume of Fluid Pumped:<br>919,758 gals                                                                                                      |                                       |                                        |                                                                |                                                                |
| 17. Total Volume of Re-Use Water Pumped:<br>N/A                                                                                                    |                                                                                                                                            | 18. Percent of Re-Use Water in Fluid Pumped:<br>Not Disclosed                                                                                          |                                       |                                        |                                                                |                                                                |
| 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:                                                                                                 |                                                                                                                                            |                                                                                                                                                        |                                       |                                        |                                                                |                                                                |
| Trade Name                                                                                                                                         | Supplier                                                                                                                                   | Purpose                                                                                                                                                | Ingredients                           | (CAS #) Chemical Abstract<br>Service # | Maximum Ingredient<br>Concentration in Additive (% by<br>mass) | Maximum Ingredient<br>Concentration in HF Fluid (% by<br>mass) |
| Water                                                                                                                                              | Customer                                                                                                                                   | Carrier/Base Fluid                                                                                                                                     | Water                                 | 7732-18-5                              | 100%                                                           | 96.38894%                                                      |
| Sand (Proppant)                                                                                                                                    | US Silica                                                                                                                                  | Proppant                                                                                                                                               | Silica Substrate                      | 14808-60-7                             | 100%                                                           | 2.73266%                                                       |
| RCS (Proppant)                                                                                                                                     | Momentive                                                                                                                                  | Proppant                                                                                                                                               | Silica Substrate                      | 14808-60-7                             | 100%                                                           | 0.3785%                                                        |
| Hydrochloric Acid                                                                                                                                  | CNR                                                                                                                                        | Acidizing                                                                                                                                              | Hydrochloric Acid                     | 7647-01-0                              | 38.8%                                                          | 0.08783%                                                       |
| Claymax                                                                                                                                            | Chemplex                                                                                                                                   | Clay Stabilizer                                                                                                                                        | Choline Chloride                      | 67-48-1                                | 62%                                                            | 0%                                                             |
| 4-N-1 Plus                                                                                                                                         | Chemplex                                                                                                                                   | Iron Control Corr<br>Inhib                                                                                                                             | Acetic Acid                           | 64-19-7                                | 80%                                                            | 0.00137%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Methanol                              | 67-56-1                                | 10%                                                            | 0.00017%                                                       |
| Plexcide 24L                                                                                                                                       | Chemplex                                                                                                                                   | Biocide                                                                                                                                                | Tetrahydro-3,<br>Dimethyl 2H          | 533-74-4                               | 24%                                                            | 0.00685%                                                       |
| Plexset 730                                                                                                                                        | Chemplex                                                                                                                                   | Activator                                                                                                                                              | Secondary Alcohol<br>Ethoxylate       | 84133-50-6                             | 50%                                                            | 0%                                                             |
| Plexsurf 240 E                                                                                                                                     | Chemplex                                                                                                                                   | Surfactant                                                                                                                                             | Methyl Alcohol                        | 67-56-1                                | 10%                                                            | 0.00913%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | 2-Butoxyethanol                       | 111-76-2                               | 50%                                                            | 0.04565%                                                       |
| Plexslick 957                                                                                                                                      | Chemplex                                                                                                                                   | Friction Reducer                                                                                                                                       | Alcohol Ethoxylate<br>Surfactants     | Proprietary                            | 8%                                                             | 0.01103%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Hydroctreated<br>Petroleum Distillate | 64742-47-8                             | 30%                                                            | 0.04137%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Polyacrylamide-CO-<br>Acrylic Acid    | 9003-06-9                              | 31%                                                            | 0.04275%                                                       |
| AMA 398                                                                                                                                            | Chemplex                                                                                                                                   | Biocide                                                                                                                                                | Tetrahydro-3<br>Dimethyl 2H           | 533-74-4                               | 98%                                                            | 0%                                                             |
| Plexgel 907 LE                                                                                                                                     | Chemplex                                                                                                                                   | Polymer                                                                                                                                                | Guar Gum                              | 9000-30-0                              | 50%                                                            | 0%                                                             |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Mineral Oil                           | 64742-47-8                             | 55%                                                            | 0%                                                             |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Bentonite Clay                        | 14808-60-7                             | 2%                                                             | 0%                                                             |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Surfantant                            | 68439-51-0                             | 2%                                                             | 0%                                                             |
| Plexbor 101                                                                                                                                        | Chemplex                                                                                                                                   | Crosslinker                                                                                                                                            | Ethylene Glycol                       | 107-21-1                               | 9.99%                                                          | 0%                                                             |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Potassium<br>Metaborate               | 13709-94-9                             | 30%                                                            | 0%                                                             |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Potassium Hydroxide                   | 1310-58-3                              | 5%                                                             | 0%                                                             |
| Plexgel Breaker 10L                                                                                                                                | Chemplex                                                                                                                                   | Gel Breaker                                                                                                                                            | Mannanase<br>Enzymes                  | Proprietary                            | 2%                                                             | 0%                                                             |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Sodium Chloride                       | 7647-14-5                              | 15%                                                            | 0%                                                             |
| Sodium Persulfate                                                                                                                                  | Chemplex                                                                                                                                   | Gel Breaker                                                                                                                                            | Sodium Persulfate                     | 7775-27-1                              | 98%                                                            | 0%                                                             |
| Buffer 11                                                                                                                                          | Chemplex                                                                                                                                   | PH Control                                                                                                                                             | Potassium Hydroxide                   | 1310-58-3                              | 23%                                                            | 0%                                                             |
| Greenhib 679                                                                                                                                       | Chemplex                                                                                                                                   | Scale Inhibitor                                                                                                                                        | Glycerine                             | 56-81-5                                | 35%                                                            | 0.00494%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Proprietary                           | Proprietary                            | 35%                                                            | 0.00494%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Water                                 | 7732-18-5                              | 30%                                                            | 0.00423%                                                       |
| 20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief. |                                                                                                                                            |                                                                                                                                                        |                                       |                                        |                                                                |                                                                |
| Signature:    Signed Electronically                                                                                                                | Printed Name:    Deana Weaver                                                                                                              |                                                                                                                                                        | Title:    Production Clerk            |                                        |                                                                |                                                                |
| Date:    9/23/2014                                                                                                                                 |                                                                                                                                            |                                                                                                                                                        |                                       |                                        |                                                                |                                                                |
| E-mail Address:    deanap@mackenergycorp.com                                                                                                       |                                                                                                                                            |                                                                                                                                                        |                                       |                                        |                                                                |                                                                |

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.